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USPTO GPAU 2631**FROM:** Jeffrey G. Toler  
Reg. No.: 38,342**RE U.S. App. No.:** 10/683,891, filed October 10, 2003**Applicant(s):** Arunabha Ghosh**Atty Dkt No.:** 1033-LB1019**Title:** DELAY-INDUCED SCATTERING WITH PHASE  
RANDOMIZATION AND PARTITIONED FREQUENCY HOPPING**NO. OF PAGES (including Cover Sheet):** 6**MESSAGE:**

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- ☒ Transmittal Form (1 pg)
- ☒ IDS Transmittal Form (3 pgs)
- ☒ IDS Form 1449/SB08 (1 pg)

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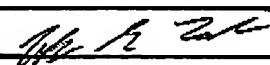
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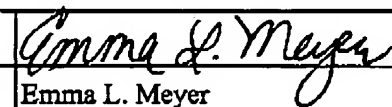
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/683,891	
	Filing Date	October 10, 2003	
	First Named Inventor	Arunabha Ghosh	
	Art Unit	2631	
	Examiner Name	WONG, Linda	
Total Number of Pages in This Submission	6	Attorney Docket Number	1033-LB1019

ENCLOSURES (Check all that apply)		
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<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Name	TOLER SCHAFFER, LLP
Signature	
Printed name	Jeffrey G. Toler
Date	11-18-2006
Reg. No.	38,342

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Arunabha Ghosh

Title: DELAY-INDUCED SCATTERING WITH PHASE RANDOMIZATION  
AND PARTITIONED FREQUENCY HOPPING

Application No.: 10/683,891

Filed: October 10, 2003

Examiner: WONG, Linda

Group Art Unit: 2631

Atty. Docket No.: 1033-LB1019

MS: AMENDMENT  
COMMISSIONER FOR PATENTS  
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Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described below; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance, such as through (i) an English language abstract, (ii) an English language equivalent application, (iii) reference to discussion in the application, or (iv) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that

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If the above-identified application is an original application filed on or after  
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- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

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- ☐ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☒ before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.
- ☐ during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal.
- ☐ during the period specified in § 1.97(d). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. Additionally, each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.

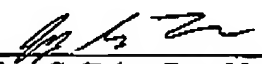
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Respectfully submitted,

11-18-2006  
Date

  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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**Complete if Known**

Application Number	10/683,891
Filing Date	October 10, 2003
First Named Inventor	Arunabha Ghosh
Art Unit	2631
Examiner Name	WONG, Linda
Attorney Docket Number	1033-LB1019

**U. S. PATENT DOCUMENTS**

Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US- 5,103,459	04-07-1992	Gilhausen, et al.	
	B1	US- 5,991,331	11-23-1999	Chennakeshu, et al.	
	C1	US- 6,321,082 B1	11-20-2001	Katz	
	D1	US- 6,694,147 B1	02-17-2004	Viswanath, et al.	
	E1	US-			
	F1	US-			
	G1	US-			
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
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